

H() WRAPPER

h () wrapper

VIRTUAL-HYPERSCRIPT

A DSL for creating virtual trees

MANY IMPLEMENTATIONS

- Ours: <https://gist.github.com/whiteinge/02a4868ff91aeacf3b99>
- react-hyperscript: <https://github.com/mlmorg/react-hyperscript>
- r-dom: <https://github.com/uber/r-dom>
- Or, maybe: `var h = React.createElement.bind(React);`

COMPARE AND CONTRAST W/ JSX

```
return (  
  <ul>  
    <li>foo</li>  
    <li>bar</li>  
  </ul>  
);
```

```
return (  
  h('ul', [  
    h('li', 'foo'),  
    h('li', 'bar'),  
  ])  
);
```

REACT.CREATEELEMENT()

```
// React.createElement('element', {attributes}, [children]);

React.createElement('ul', {
  className: 'someclass',
}, [
  React.createElement('li', null, ['foo']),
]);
```

H() IS A SHORTCUT

```
h('ul.someclass', [  
    h('li', 'foo'),  
]);
```

PRETEND `h()` IS HTML

- Indent the *same way* you would with HTML.

```
<div>
  <ul>
    <li>foo</li>
    <li>bar</li>
  </ul>

  <span>Span Stuff</span>
  <span>More span Stuff</span>
</div>
```

```
h('div', [
  h('ul', [
    h('li', 'foo'),
    h('li', 'bar'),
  ]),
  h('span', 'Span stuff'),
  h('span', 'More span stuff'),
]);
```



```
<div foo='Foo'  
    bar='Bar'  
    baz='Baz'>  
  <span class="classone">Span Stuff</span>  
  <span class="classtwo">More span Stuff</span>  
</div>
```

```
h('div', {  
  foo: 'Foo',  
  bar: 'Bar',  
  baz: 'Baz',  
}, [  
  h('span.classone', 'Span stuff'),  
  h('span.classtwo', 'More span stuff'),  
]);
```